

CLAIMS

What is claimed is:

1. A product for substantially eliminating existing odors and substantially preventing the production of new odors in matter, comprising in combination oxide and nitrate.
- 5 2. The product of claim 1 wherein the oxide is selected from the group consisting of: calcium oxide; magnesium oxide; and sodium oxide.
3. The product of claim 1 wherein the oxide is zinc oxide.
4. The product of claim 1 wherein the oxide is iron oxide.
5. The product of claim 1 wherein the oxide is hydrogen peroxide.
6. The product of claim 1 wherein the oxide is selected from the group consisting of hydroxides, carbonate, bicarbonate, percarbonate and silicate.
7. The product of claim 2 wherein the nitrate is selected from the group consisting of: sodium, potassium, calcium, magnesium, ammonium, and aluminum nitrate.
8. The product of claim 6 wherein the nitrate is selected from the group consisting of: sodium, potassium, calcium, magnesium, ammonium, and aluminum nitrate.
- 15 9. The product of claim 1 wherein the amount of oxide to nitrate is proportional to the amount of fresh existing odors to the amount of material producing new odors.
10. The product of claim 1 wherein the proportion of the oxide and nitrate ingredients is as follows: 0.1% to 50% calcium nitrate; 0.1% to 99.9% hydrogen peroxide.
- 20 11. The product of claim 1 wherein the proportion of the oxide and nitrate ingredients is as follows: 0.1% to 99.9% calcium nitrate; 0.1% to 99.9% zinc oxide.
12. The product of claim 1 wherein the proportion of the oxide and nitrate ingredients is as

follows: 0.1% to 99.9% calcium nitrate; 0.1% to 99.9% zinc oxide, and further comprises a suspension agent.

13. The product of claim 1 wherein the proportion of the oxide and nitrate ingredients is as follows: 0.1% to 99.9% calcium nitrate; 0.1% to 99.9% iron oxide.
14. The product of claim 1 in which the product is a polyurethane paint and comprises at least 0.1% to 70% iron oxide; and polyurethane paint.
15. The product of claim 1 in which the product is a polyurethane paint comprising at least 0.1% to 70% zinc oxide; and polyurethane paint.
16. The product of claim 1 in which the product is Portland cement comprising at least 0.1% to 50% iron oxide; and Portland cement.
17. The product of claim 1 wherein the product is plaster and comprises at least 0.1% to 70% iron oxide; and plaster of Paris.
18. The product of claim 1 wherein the amount of required oxide is proportional to the amount of existing odors the product is exposed to.
19. The product of claim 1 wherein the product comprises in proportion to 0.1% to 99.9% zinc oxide, 0.1% to 99.9% calcium nitrate; and further comprises a liquid absorbent material.
20. The product of claim 1 wherein the product comprises in proportion 0.1% to 99.9% iron oxide; 0.1% to 99.9% calcium nitrate; and further comprises an inorganic moisture absorbent material.
21. The product of claim 1 wherein the amount of nitrate is proportional to the amount required to maintain aerobic conditions over the required time period.
22. The product of claim 1 for use in a lagoon wherein the nitrate ion is 5 to 200 parts per

million.

23. A method of substantially eliminating existing odors and substantially preventing the production of new odors in matter, comprising applying a product to said matter, which product comprises a combination of oxide and nitrate.

24. The method of claim 23 wherein the oxide is selected from the group consisting of: calcium oxide; magnesium oxide; and sodium oxide.

25. The method of claim 23 wherein the oxide is zinc oxide.

26. The method of claim 23 wherein the oxide is iron oxide.

27. The method of claim 23 wherein the oxide is hydrogen peroxide.

28. The method of claim 23 wherein the oxide is selected from the group consisting of hydroxides, carbonate, bicarbonate, percarbonate and silicate.

29. The method of claim 24 wherein the nitrate is selected from the group consisting of: sodium, potassium, calcium, magnesium, ammonium, and aluminum nitrate.

30. The method of claim 28 wherein the nitrate is selected from the group consisting of: sodium, potassium, calcium, magnesium, ammonium, and aluminum nitrate.

31. The method of claim 23 wherein the amount of oxide to nitrate is proportional to the amount of fresh existing odors to the amount of material producing new odors.

32. The method of claim 23 wherein the proportion of the ingredients is as follows: 0.1% to 50% calcium nitrate; 0.1% to 99.9% hydrogen peroxide, and the product is applied as a spray.

33. The method of claim 23 wherein the proportion of the ingredients is as follows: 0.1% to 99.9% calcium nitrate; 0.1% to 99.9% zinc oxide, and the product is applied as a spray.

34. The method of claim 23 wherein the proportion of the ingredients is as follows: 0.1% to

99.9% calcium nitrate; 0.1% to 99.9% zinc oxide, and further comprises a suspension agent, and the product is applied as a spray.

35. The method of claim 23 wherein the proportion of the ingredients is as follows: 0.1% to 99.9% calcium nitrate; 0.1% to 99.9% iron oxide, and further comprises a suspension agent.

5 36. The method of claim 23 in which the product is a polyurethane paint and comprises at least 0.1% to 70% iron oxide; and polyurethane paint.

37. The method of claim 23 in which the product is a polyurethane paint comprising at least 0.1% to 70% zinc oxide; and polyurethane paint.

38. The method of claim 23 in which the product is Portland cement comprising at least 0.1% to 50% iron oxide; and Portland cement.

39. The method of claim 23 wherein the product is at least comprised of plaster of Paris and 0.1% to 70% zinc oxide.

40. The method of claim 23 wherein the product is at least 1 part calcium nitrate and additionally comprises water and the product is applied as a spray.

15 41. The method of claim 23 wherein the product comprises in proportion to grams, 10 grams zinc oxide, 200 grams of calcium nitrate; and additionally, comprises water.

42. The method of claim 23 wherein the product comprises in proportion to grams, 10 grams zinc oxide, 200 grams of calcium nitrate; and additionally water, plus an additional inorganic moisture absorbent material.

20 43. The method of claim 23 wherein the nitrate is in a solution not exceeding 50% nitrate.

44. The method of claim 23 for use in a lagoon wherein the nitrate ion is 5 to 200 parts per million.